

# Converting Colors

HunterLab(89.4138, -2.2481,  
-1.6803)

Have a look what the booklet for  
HunterLab(89.4138, -2.2481,  
-1.6803) contains.

<b>HunterLab(89.4138, -2.2391, -1.6959)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(89.4138, -2.2391,  
-1.6959)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6E6F4
RGB	230, 230, 244
RGB Percent	90%, 90%, 96%
CMY	0.0980, 0.0980, 0.0431
CMYK	0.06, 0.06, 0.00, 0.04
HSL	240°, 39%, 93%
HSV	240°, 6%, 96%
XYZ	77.2591, 79.9483, 96.9475
YIQ	231.5960, -4.4940, 4.3540

# Conversions

## Conversions Part 2

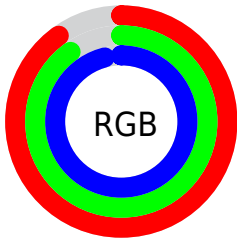
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 230, 244
Decimal	15132404
CIE Lab	91.66, 2.57, -6.78
CIE LCh	92, 7.253, 290.755
Yxy	79.9517, 0.3040, 0.3146
Android (android.graphics.Color)	4293322484 (0xFFE6E6F4)
YUV	231.5960, 6.1152, -1.3997
Hunter-Lab	89.4138, -2.2391, -1.6959

# Details

The HunterLab color **89.4138, -2.2391, -1.6959** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94.6820, -7.4411, 11.3322**, and the grayscale version is **89.6307, -4.7825, 4.8698**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **65.7947, -1.5681, -2.3584** is the 20% darker color. If you saturate the color by 10%, you get **79.7198, 3.0096, -14.4796**, and if you desaturate by 10%, it is **99.4061, -7.1107, 10.0802**.

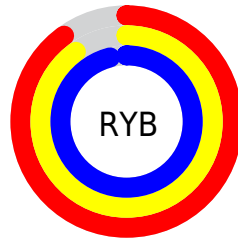
# Distribution



Red (90%)

Green (90%)

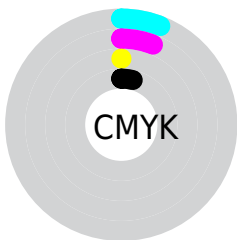
Blue (96%)



Red (90%)

Yellow (90%)

Blue (96%)

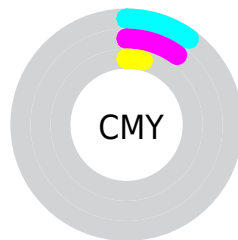


Cyan (6%)

Magenta (6%)

Yellow (0%)

Black (4%)



Cyan (10%)

Magenta (10%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 89.4138, -2.2391, -1.6959 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 89.4138, -2.2391, -1.6959 by changing the saturation by 10% instead.



89.4138, -2.2391,  
-1.6959

89.4138, -2.2391,  
-1.6959

222.4342, -8.4546,  
3.3624

77.2519, -1.7106,  
-2.0675

115.4547, -3.4088,  
-0.8202

65.6960, -1.2188,  
-2.3937

129.2825, -4.0424,  
-0.3242

54.7817, -0.7685,  
-2.6690

143.6221, -4.7070,  
0.2083

44.5494, -0.3634,  
-2.8885

158.4559, -5.4013,  
0.7755

35.0478, -0.0080,  
-3.0461

173.7679, -6.1242,  
1.3758

26.3383, 0.2915,  
-3.1334

189.5436, -6.8747,

18.5007, 0.5265,

2.0078

-3.1399

205.7698, -7.6518,  
2.6704

■ 11.6457, 0.6835,  
-3.0512

■ 4.2910, 2.3810,  
-6.3185

■ 89.4138, -2.2391,  
-1.6959

■ 89.4138, -2.2391,  
-1.6959

■ 79.7198, 3.0096,  
-14.4796

■ 99.4061, -7.1107,  
10.0802

■ 70.3677, 8.7657,  
-28.6014

■ 99.6553, -7.2276,  
10.3592

■ 61.4282, 15.1920,  
-44.4922

■ 52.9991, 22.4959,  
-62.6968

■ 45.2246, 30.8990,  
-83.8002

■ 38.3190, 40.5129,  
-108.1088

■ 32.5902, 50.9849,  
-134.7343

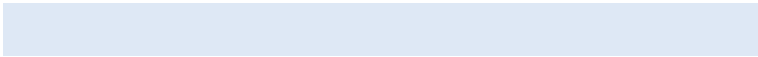
■ 28.4238, 60.8642,  
-159.9529

■ 26.1266, 67.5078,  
-176.9491

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.4157, -5.9157, -2.0725



89.4138, -2.2391, -1.6959



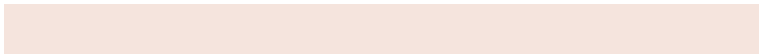
89.4157, 0.8000, 0.4796

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.4157, -2.2411, -1.6944



89.4157, -0.2311, 9.9506



89.4157, -11.6889, 5.9474

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



89.4138, -2.2391, -1.6959



94.6820, -7.4411, 11.3322

# Split Complementary

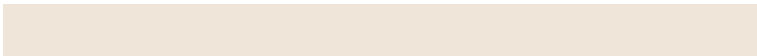
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.4157, -10.2182, 9.0430



89.4138, -2.2391, -1.6959



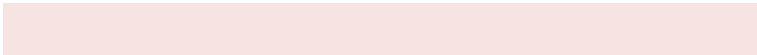
89.4157, -3.6301, 11.2916

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.4157, -2.2411, -1.6944



89.4157, 1.9735, 7.2320



89.4157, -7.2826, 10.9662



89.4157, -11.3307, 2.4359



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



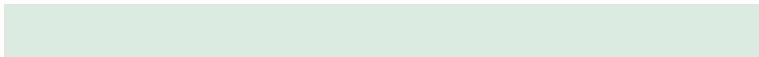
89.4138, -2.2391, -1.6959



89.4157, 2.0395, 2.6080



89.4157, -7.2826, 10.9662



89.4157, -11.3929, 7.0689

# Sweetspot

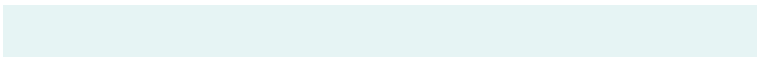
The Sweet Spot groups the original color and five complimentary colors.



89.4157, -2.2411, -1.6944



97.8956, -4.3083, 2.9486



93.8313, -9.5841, 3.6860



45.3391, -2.0169, 1.4215

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.4157, -2.2411, -1.6944



92.6867, -1.6749, -3.4350



90.0506, -0.0527, -0.8647



40.7718, -0.6052, -1.8517



18.8483, 51.1064, -133.8829



5.5899, 15.1418, -39.6738



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



90.3003, -0.1045, 6.4842



93.8290, 1.0726, 7.1330



94.0535, -9.6566, 10.5929



41.3199, 0.7106, 3.2210



32.3388, 55.3816, 20.8941

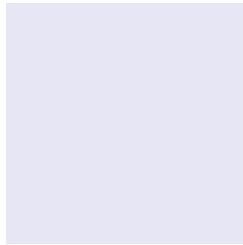


9.5874, 16.4190, 6.1925



# Previews

## White Background



This preview shows how the HunterLab color 89.4138, -2.2391, -1.6959 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

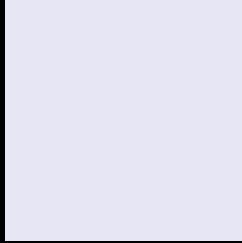
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 89.4138, -2.2391, -1.6959 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

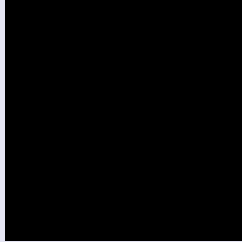
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

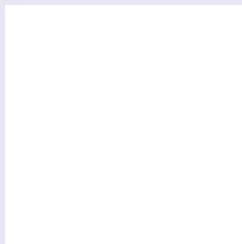
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 89.4138, -2.2391, -1.6959 Background



This preview shows how black text looks on a background with the HunterLab color 89.4138, -2.2391, -1.6959.



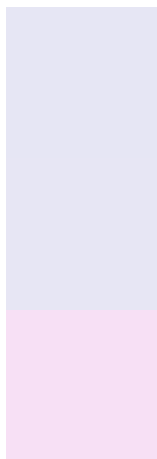
This preview shows how white text looks on a background with the HunterLab color 89.4138, -2.2391, -1.6959.

-1.6959.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

89.4138, -2.2391, -1.6959

### Protanopia

89.5065, -1.9193, -1.5744

### Deuteranopia

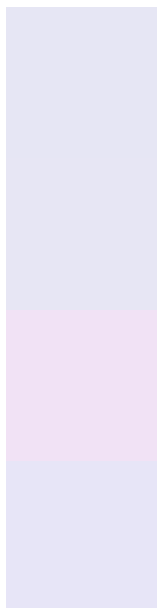
89.2626, 6.7573, -2.2580



## Tritanopia

89.3336, -0.6443, -3.9048

# Trichromacy



## Original Color

89.4138, -2.2391, -1.6959

## Protanomaly

89.5065, -1.9193, -1.5744

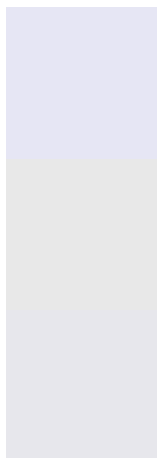
## Deuteranomaly

89.2670, 3.6590, -2.3066

## Tritanomaly

89.2989, -0.8326, -3.4137

# Monochromacy



## Original Color

89.4138, -2.2391, -1.6959

## Achromatopsia

89.8305, -4.7931, 4.8807

## Achromatomaly

89.5527, -3.8931, 2.5741

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 89.4138, -2.2391, -1.6959 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(230, 230, 244)` looks like.

```
.text, #text, p{  
    color:rgb(230, 230, 244)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(230, 230, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 230, 244) }
```

## Border

The CSS property to change the border of an element to HunterLab 89.4138, -2.2391, -1.6959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(230, 230, 244) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(230, 230, 244) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(230, 230, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 230, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 230, 244);  
box-shadow:4px 4px 4px 4px rgb(230, 230,  
244) }
```

# Background

The CSS property to change the background color of an element to HunterLab 89.4138, -2.2391, -1.6959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 230, 244) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(230,  
230, 244) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor